

Date: Wed, 11 Aug 93 17:01:42 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #972  
To: Info-Hams

## Info-Hams Digest

Wed, 11 Aug 93

Volume 93 : Issue 972

## Today's Topics:

900 meg bandplan???

Alinco DR-130T 2m/mobile rig

Anyone from Malta/9H?

## Bootlegger At ARRL N.E. Convention

HELP -- Squelch on Maxon 49-EA radio...

IS there an R5---R7 Cushcraft upgrade??

IS there an R5---R7 Cushcraft upgrade???

Legal for Satelite ?

Looking for DJ0HB

## Midland-Saginaw repeaters

Need Answers and Docs for AN/URR-27A

Need help & docs for AN/URR-27A

## Theory Question

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to [brian@ucsd.edu](mailto:brian@ucsd.edu).

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 11 Aug 1993 23:11:39 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!srugenprp!

frankb@network.ucsd.edu

Subject: 900 meg bandplan???

To: info-hams@ucsd.edu

Alan Larson (larson@loren.net.com) wrote:  
& In article <CBHCy0.76L@iat.holonet.net> bwilkins@iat.holonet.net (Bob Wilkins)

& >Here in California the Primary users of the 902 MHz band have graciously  
& >allowed us to operate in the one MHz segments on the band edges.

& When did these users become primary? Last time I read the rules,  
& they were secondary users.

When I saw the list of users for the 900 MHz band Hams were number  
5 out of 6 in priority. Consumer stuff, video senders and telephones,  
were number 6. I don't think the vehicle location systems are primary  
users, but they are above us on the list.

--

Frank Ball 1UR-M                   frankb@sad.hp.com   (707) 794-4168 work,  
Hewlett Packard                       (707) 794-3844 fax,   (707) 538-3693 home  
1212 Valley House Drive             IT175, XT350, Seca 750, '62 F-100, PL510  
Rohnert Park CA 94928-4999        KC6WUG, LAW, AMA, Dod #7566, I'm the NRA.

-----

Date: 11 Aug 1993 18:33:48 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!usc!  
news.bbn.com!bbn.com!levin@network.ucsd.edu  
Subject: Alinco DR-130T 2m/mobile rig  
To: info-hams@ucsd.edu

jeff@nraven.wariat.org (Jeff Garvas) writes:  
|What i'm talkin about is using the radio without a duplex seting. I want  
|to be able to use it simplex sometimes, since it is 50watts. But  
|the radio, and instruction book have not shown me any way of setting  
|it like this. The only way i found i can create a simplex setup is  
|if i press the Func key, chose "shift" (offset) and set it to 00..

It's easier than that. I don't remember the exact sequence, you'll  
have to experiment (the radio is in the xyl's vehicle), but hit  
function then shift; then hit function and shift again (or maybe just  
shift?) and it will choose another option - repeat this to cycle  
through the usual plus / minus / none settings. And of course you can  
store a simplex frequency in a memory or in the "call" frequency.

Again, you'll have to experiment; but it is possible.

/J

=

Nets: levin@bbn.com | "Earn more sessions by sleeving."

pots: (617)873-3463 |

KD1ON (@KB4N.NH.USA) |

-- Roxanne Kowalski

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Date: Wed, 11 Aug 1993 16:31:32 CET  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!uknet!pipex!  
zaphod.crihan.fr!univ-lyon1.fr!taloa.unice.fr!frmop11.cnusc.fr!dearn!esoc!  
wkoehler@network.ucsd.edu  
Subject: Anyone from Malta/9H?  
To: info-hams@ucsd.edu

Is there anyone from Malta (including Gozo and Comino), with or without licence, on the net? I would like to have a couple of questions answered. Please reply by e-mail.

73, Wolf.  
DL3ZBJ, AB6EL, VK6BGV.

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Date: Wed, 11 Aug 1993 14:48:49 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!uwm.edu!linac!uchinews!cs.umd.edu!afterlife!  
blackbird.afit.af.mil!blackbird!jmiller@network.ucsd.edu  
Subject: Bootlegger At ARRL N.E. Convention  
To: info-hams@ucsd.edu

babb@rapnet.sanders.lockheed.com (Scott Babb) wrote:

>I'm sure that the FCC/US Marshalls/police/???  
>wouldn't have walked up to this lady and handcuffed her on  
>the spot. They probably would have done the same thing  
>that they do for a motorist stop: Asked to see her license.

97.5 says that you must have a station license. 97.7 says that there must be a licensed control operator. 97.9 says that an operator license or a copy must be in the possession of the licensee while acting as control operator.

Those sections, at least, don't require that the licensee show the license to anyone on demand. That's in contrast to driving laws, which \*do\* typically require that you show your license on demand.

Is there another regulation which says that you must show your license to the FCC on demand, even if they can't prove you were transmitting?

Dunno about part 97, but on the back of your ticket it says "The station shall be identified by the callsign specified herein and shall be available for inspection upon request by an authorized Commission representative."

Only a (armchair) lawyer could argue that that statement only applies to the station named as the fixed station operation location; common sense tells me the Feds can ask to look at any station operating under your callsign.

Jeff

--

Jeff Miller, NH6ZW/N8, AFA1HE (ex WD6CQV, AFA8JM, AFA1D0)  
AFIT School of Engineering, Wright-Patterson AFB, OH  
Welcome to Ohio: Our state flower is the orange highway construction barrel.  
Help eliminate FOD in our lifetime.

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Date: 11 Aug 93 19:54:01 GMT  
From: ogicse!uwm.edu!math.ohio-state.edu!usc!elroy.jpl.nasa.gov!porgy!  
mas@network.ucsd.edu  
Subject: HELP -- Squelch on Maxon 49-EA radio...  
To: info-hams@ucsd.edu

Does anyone know how to set the squelch on one of these radios???

My community theatre group uses the above mentioned FM radios for communication among the stage crew. A couple of them (not all) seem to have the squelch perpetually open (ie: there's constant white noise when no one is transmitting). There is no squelch control on the outside. I opened one up and found about six potentiometers on the inside, none of which were labelled "squelch." I called the people at Maxon, but they won't tell me anything. Their best suggestion was that I send it in for repairs.

Can anyone help??

Please email me if you can...

advTHANKSance,

Marc

--

Marc Sarrel  
Jet Propulsion Laboratory  
mas@porgy.jpl.nasa.gov

"My squid's name is Ned, or maybe Fred.  
He's painted red  
To match his bed.  
A pedigreed squid thoroughbred  
Is Ned, or Fred, or is it Ted?"  
-B. Kliban

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Date: 11 Aug 1993 19:17:03 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!noc.near.net!

jericho.mc.com!fugu!levine@network.ucsd.edu  
Subject: IS there an R5---R7 Cushcraft upgrade??  
To: info-hams@ucsd.edu

In article 72G@feenix.metronet.com, marcbg@feenix.metronet.com (Marc Grant) writes:  
>In article <249s75\$oti@news.ysu.edu> ap451@yfn.ysu.edu (Justin Randall Padawer) writes:  
>>  
>>Is there a factory upgrade for the Cushcraft R5 antenna that will make it  
>>work as an R7???  
>>Randy, WA4FJF  
>>ap451@yfn.ysu.edu  
>  
>Great question. Yes, there is, but it's absurd. Why? Because it costs  
>almost as much as a new R7! I got an R5 from an estate sale last year, so  
>the price was right. I inquired (with AES) about the price of the  
>upgrade - I think it's like \$269! A new R7 is in the mid-300 range I  
=====

>think. I can't even imagine why they offer the upgrade at all.  
>  
>The advice I was given by several hams: If you want the R7, sell your R5  
>and buy a new R7. It will be the same amount of assembly work and  
>probably wind up saving you around \$100.  
>  
>What I did: put up a dipole for 80 and 40!  
>  
>Good luck  
>Best 73,  
>  
Marc B. Grant, N5MEI | marcbg@feenix.metronet.com | 214/231-3998 (voice)  
>P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)  
>Richardson, TX 75085 |

Actually it is 199.95 from AES. You should be able to get \$175 or so for an R5 (that's what I got for mine) and then the R7 is \$379.95 making the upgrade about \$205. In either case it's going to cost you about 2 bills.

Might as well get ALL new hardware instead of half old and half new up there for the same price.

I have had good luck with my R5 then R7 after getting the tuning set. It really comes very close to the data sheet specs.

A 6x6 grid of vertical and diagonal lines. The pattern consists of several triangles pointing upwards and to the right. In the center of the grid is a symbol consisting of four horizontal lines with three vertical lines connecting them, forming a square with diagonal lines through it. This central symbol is flanked by two '====' symbols, one on each side. The lines are black on a white background.

-FTAC

Bob Levine KD1GG 7J1AIS VK2GYN

levine@mc.com

(508) 256-1300 x247

kd1gg@wa1phy.ma

FAX (508) 256-3599

Date: Wed, 11 Aug 1993 17:46:42 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!

vixen.cso.uiuc.edu!uchinews!spssig.spss.com!feenix.metronet.com!

marcbg@network.ucsd.edu

Subject: IS there an R5---R7 Cushcraft upgrade???

To: info-hams@ucsd.edu

In article <249s75\$oti@news.ysu.edu> ap451@yfn.ysu.edu (Justin Randall Padawer) writes:

7

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>work as an R7???

>Randy, WA4FJF

>ap451@vfn.vsu.edu

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The advice I was given by several hams: If you want the R7, sell your R5 and buy a new R7. It will be the same amount of assembly work and probably wind up saving you around \$100.

What I did: put up a dipole for 80 and 40!

Good luck  
Best 73.

—

Marc B. Grant, N5MEI | marcgbg@feenix.metronet.com | 214/231-3998 (voice)  
P.O Box 850472 | marcgbg@esy.com | 214/231-0025 (fax)  
Richardson, TX 75085 |

-----  
Date: Wed, 11 Aug 1993 20:36:28 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
darwin.sura.net!uvaarpa!cscsun!dtiller@network.ucsd.edu  
Subject: Legal for Satelite ?  
To: info-hams@ucsd.edu

In article <CBJyy6.Fr6@news.iastate.edu> bwehr@iastate.edu (Brant D Wehr) writes:  
>Got a question. Is it legal for a no-coder to work satelites. I've heard  
>both yes and no and need some direction.

>

As long as the frequency you need to transmit on to use the satellite is within your privs (all of 'em with the exception of the HF inputs of RS10/11 and RS12/13 will be), then it's perfectly legal. The fact that the satellite decides to retransmit your signal elsewhere is of no concern to you. You are not 'controlling' the satellite - you're using it. Just like a crossband repeater is legal for you to use, so are the sats. As for listening to the sat downlink if it's outside you privs that still legal - ECPA and commie liberals notwithstanding. Have fun!!! Remember - you're an honest to god Technician class licensee who's binary communicatorially challenged :-)

--  
David Tiller | Network Administrator | Voice: (804) 752-7373 |  
dtiller@rmc.edu | Randolph-Macon College | Fax: (804) 752-7231 |  
n2kau@wa4ong.va.usa.na | P.O. Box 5005 | "A Woman Scorned is a |  
ICBM: 37 45N 77 45W | Ashland, Va 23005 | terrible thing to waste" -me |

-----

Date: Wed, 11 Aug 1993 17:53:50 GMT

From: olivea!pagesat!spssig.spss.com!feenix.metronet.com!marcbg@uunet.uu.net  
Subject: Looking for DJ0HB  
To: info-hams@ucsd.edu

I am looking for anyone who knows any of the Wiesbaden ARC members (DA1SC, DJ0HB).

I will be in DL in October and November and DJ0HB is very helpful in expediting the reciprocal licensing process.

Best 73

--

Marc B. Grant, N5MEI | marcbg@feenix.metronet.com | 214/231-3998 (voice)  
P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)  
Richardson, TX 75085 |

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Date: Wed, 11 Aug 1993 16:11:22 MST  
From: swrinde!cs.utexas.edu!asuvax!asuacad!aumlj@network.ucsd.edu  
Subject: Midland-Saginaw repeaters  
To: info-hams@ucsd.edu

I will be in the Midland, MI area during the next week and would like to know the \*most used\* repeaters in the area on 10m, 2m, and 70cm bands, and if there are any regular on-air swapnets held during the week. The Midland County fair will also be held that week, so if there is any local ARC activity or tents there, those frequencies would be appreciated too.

Any and all replies sent before 4PM PST on 8/13 would be appreciated since my plane leaves that night. :-)

Thanks, in advance

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=====

Jonathan Massey Arizona State University  
Department of Theatre Tempe, AZ  
AUMLJ@ASUVM.INRE.ASU.EDU -or- AUMLJ@ASUACAD <><  
=====

-----  
Date: Wed, 11 Aug 1993 21:15:14 GMT  
From: cs.yale.edu!wesub.ctstateu.edu!ritterbus001@yale.arpa  
Subject: Need Answers and Docs for AN/URR-27A  
To: info-hams@ucsd.edu

Hi all,

I just picked up a Navy surplus AN/URR-27A receiver, which seems to have a coverage range of about 103-200 MHz. Of course I didn't get any docs, and there are a few key items that I need to know before I can even give it juice.

- 1) There is no power cord. The unit is rated for 105/115/120 V, single phase, 50-60 Hz. The power connector is a screw-cap type, with 4 pins protruding inside. Which pin is what? Is the cap safety ground?
- 2) There is an unmarked 1/4" phone jack on the front beside the power switch. I assume that this is for phones. Correct?
- 3) There is another screw-cap type connector on the rear marked "audio", with 3 pins protruding. Which pin is what? Is this power-level audio, i.e., speaker, or does it require amplification?

4) The person that I got this from thinks that it is FM. Is this true?

Of course, if anybody has some docs for this, or knows where I can get them, they would be greatly appreciated. My US mail address is 11 Maple Row, Bethel, CT 06801.

Jim Ritterbusch  
ritterbus001@wcsu.ctstateu.edu  
My mega hertz !

-----

Date: Wed, 11 Aug 1993 20:56:05 GMT  
From: sdd.hp.com!nigel.msen.com!yale.edu!cs.yale.edu!wcsub.ctstateu.edu!  
ritterbus001@network.ucsd.edu  
Subject: Need help & docs for AN/URR-27A  
To: info-hams@ucsd.edu

Hi all,

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Jim Ritterbusch  
ritterbus001@wcsu.ctstateu.edu  
My mega hertz !

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Date: 11 Aug 93 19:38:54 GMT  
From: ogicse!uwm.edu!spool.mu.edu!news.nd.edu!mac17@network.ucsd.edu  
Subject: Theory Question  
To: info-hams@ucsd.edu

Thanks to all for the excellent and clear answers I received to my question.

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Date: Wed, 11 Aug 1993 20:25:38 GMT  
From: agate!howland.reston.ans.net!darwin.sura.net!rsg1.er.usgs.gov!  
dgg.cr.usgs.gov!bodoh@ames.arpa  
To: info-hams@ucsd.edu

References <1993Aug9.050804.24086@es.dupont.com>,  
<1993Aug10.204713.8552@Rapnet.Sanders.Lockheed.Com>,<jfhCBKoqv.39n@netcom.com>,  
<1993Aug11.181639.28316@es.dupont.com>  
Subject : Re: Bootlegger At ARRL N.E. Convention

In article <1993Aug11.181639.28316@es.dupont.com>, collinst@esvax19.es.dupont.com  
(Thomas Collins WI3P) writes:

|>  
|> Any real lawyers out there? I'd like to hear your opinion  
|>  
|>  
|> 73, Tom WI3P collinst@esvax.dnet.dupont.com or collinst@holonet.net  
|>

What's a real lawyer? Is that in contrast to the plastic ones that do the ambulance chaser ads? I doubt a real lawyer would GIVE FREE advice here...

--  
+++++  
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, NOY?? (in the mail) +  
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +  
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)  
+  
+ "Welcome back my friends to the show that never ends!" EL&P  
+  
+++++  
-----

Date: Wed, 11 Aug 1993 19:34:24 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!ukma!eng.ufl.edu!  
usenet.ufl.edu!mailer.cc.fsu.edu!geomag!cain@network.ucsd.edu

To: info-hams@ucsd.edu

References <1993Aug4.093441.819@physc1.byu.edu>, <CBLotK.1EJ@usenet.ucs.indiana.edu>, <24b3iq\$skp@usenet.mcs.kent.edu>u  
Subject : Re: Perseids meteor shower info wanted.

In article <24b3iq\$skp@usenet.mcs.kent.edu> pfeiffer@humboldt.kent.edu (Dan Pfeiffer) writes:  
>In article <CBLotK.1EJ@usenet.ucs.indiana.edu>, ntaib@silver.ucs.indiana.edu (Iskandar Taib) writes:  
>|> In article <1993Aug4.093441.819@physc1.byu.edu> peterson@physc1.byu.edu writes:  
>|>  
>|> >The author predicts that there will be a storm at about 22:25 UTC on Aug 11.  
>|> >This should be visible in Europe but the sun will still be up here in the  
>|> >U.S (although some of the east may see it).  
>|>  
>  
>I heard an est. for the peak of 9:15 EST. I dont know where the  
>info was from but it was reported by the director of the Cleveland  
>Museum of Natural History's observatory.

Hmm, 2225 UTC would seem to be 1825 EDT, not 9:15 pm EST. Assuming the sky clears tonight on the East coast of the US does that mean it is not worth going out? i.e. I assume from the net traffic that no one is going out on a limb at specific predictions, but I thought that the geometry favored early morning viewing.

Many of us would be interested in any reports from Europe tonight and would plan to check in on the net. Please post even if a late hour in the U. S.

Joseph Cain cain@geomag.gly.fsu.edu  
cain@fsu.bitnet scri::cain  
(904) 644-4014 FAX (904) 644-4214 or -0098

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Date: 11 Aug 1993 17:38:05 GMT  
From: haven.umd.edu!darwin.sura.net!mojo.eng.umd.edu!chuck@ames.arpa  
To: info-hams@ucsd.edu

References <1993Aug5.165036.18987@ke4zv.uucp>, <1993Aug6.082207.8595@ee.surrey.ac.uk>, <1993Aug10.173731.27667@kocrv01.delcoelect.com>  
Subject : Re: Emergency Power Off

In article <1993Aug10.173731.27667@kocrsv01.delcoelect.com>

c2xjcb@kocrsv01.delcoelect.com (James Bach) writes:

>How about this for ending confusion . . .

>

>Most household-diameter wires (i.e. 10, 12, and 14 ga) are large  
>enough to be marked with LETTERING; many wires have the manufacturer  
>name, gauge, #strands (on stranded wire), temperature rating, and  
>insulation breakdown voltage. Why not add the words "HOT HOT HOT" on  
>the Black wires, "NEUTRAL NEUTRAL NEUTRAL" on the White wires, and  
>"GND GND GND" on the Green wires? Why not just make all the wires  
>white and print the appropriate word along it's length (this is  
>probably pushing it). This would help the color-blind, and end  
>confusion of "weekend wirerers" like myself.

A few thoughts come to mind...

First, the electrical codes of most locals do not allow "weekend wirerers" to do "weekend wirerering". They generally will allow a homeowner to wire his own house, if he takes a test showing his mastery of the NEC, and then gets the appropriate permit.

Secondly, if you are incapable of mastering, and applying something as simple as the coloring scheme for domestic electrical wiring, you really shouldn't be messing around with the wiring.

Thirdly, if your home burns, and or someone gets hurt, and the relevant authorities determine that unauthorized wiring exists in the area that the fire/accident occurred, you can kiss any help from your insurance company good bye.

And Fourthly, wire costs are way too high already. I'm not so inclined to ask the wire manufacturers to do something that will give them an excuse to raise the prices further.

----

Chuck Harris - WA3UQV

chuck@eng.umd.edu

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Date: Wed, 11 Aug 1993 18:16:39 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!darwin.sura.net!gatekeeper.es.dupont.com!esds01.es.dupont.com!COLLINST%esvx19.es.dupont.com@network.ucsd.

To: info-hams@ucsd.edu

References <1993Aug5.033805.751@w8hd.org>, <1993Aug9.050804.24086@es.dupont.com>, <1993Aug10.204713.8552@Rapnet.Sanders.Lockheed.Com>, <jfhCBKoqv.39n@netcom.com>s.d

Reply-To : collinst@esvx19.es.dupont.com  
Subject : Re: Bootlegger At ARRL N.E. Convention

In article <jfhCBKoqv.39n@netcom.com>, jfh@netcom.com (Jack Hamilton) writes:  
>babb@rapnet.sanders.lockheed.com (Scott Babb) wrote:

>  
>>  
>Those sections, at least, don't require that the licensee show the license  
>to anyone on demand. That's in contrast to driving laws, which \*do\*  
>typically require that you show your license on demand.  
>  
>Is there another regulation which says that you must show your license to  
>the FCC on demand, even if they can't prove you were transmitting?

You wanted bet your license that if the FCC sees you with a transmitter  
on your belt, asks to see your license and you refuse that they wouldn't  
suspend your license? I wouldn't...I'm not a lawyer by any means, but  
if they can lift your drivers license for refusing a D&A test or to show  
your a 'lawfully' licensed driver, the Feds can do the same thing.

Any real lawyers out there? I'd like to hear your opinion

73, Tom WI3P collinst@esvax.dnet.dupont.com or collinst@holonet.net  
\*\*\*\*\* The comments, opinions, belief, sentiment, views & scribblings \*\*\*\*\*  
\*\*\*\*\* above this signature are mine, and mine alone. They do not \*\*\*\*\*  
\*\*\*\*\* reflect the E.I. DuPont de Nemours Co., Inc., its subsidiaries \*\*\*\*\*  
\*\*\*\*\* and/or its partners nor its employees or shareholders. \*\*\*\*\*

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End of Info-Hams Digest V93 #972  
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